

8/5/01

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

In Re Application of: Tomohiro Amano
U.S. Serial No.: 09/845,637 Group Art Unit: 2871
Filed: April 30, 2001 Examiner: Unknown
For: LIQUID CRYSTAL DISPLAY DEVICE
AND TESTING METHOD THEREOF

Box Missing Parts
Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Applicant encloses a response to the Notice To File Missing Parts of
Nonprovisional Application mailed June 22, 2001.

Applicant filed this application on April 30, 2001 and included with the
original Utility Patent Application Transmittal the original **signed** Declaration and
Power of Attorney (the signature page of the Declaration is page 4). A copy of the
Declaration and Power of Attorney as filed is attached to applicant's response to
the Notice to File Missing parts of Nonprovisional Application. Applicant also
encloses copies of the Utility Patent Application Transmittal and the return receipt
postcard, both of which note the inclusion of a signed Declaration.

Applicant respectfully requests that this response and the attachments
hereto satisfy the filing requirements and that the items and fees required by the

Notice to File Missing Parts are deemed to have been completed upon the filing of the application.

Respectfully submitted,



David G. Conlin
Registration No. 27026
Dike, Bronstein, Roberts & Cushman
Intellectual Property Practice Group
Edwards & Angell
P.O. Box 9169
Boston, MA 02209
Tel: (617) 439-4444

July 2, 2001_____

BOS2_171569.1



DGC

Express Mail Label No. EL730723960US
Mailing Date April 30, 2001
Client: 71992
Attorney/Sec. DGC/lmr
Docket No. 55871
☒ Utility ☐ Design ☐ Provisional

The dating stamp of the Patent and Trademark Office hereon will be taken as the date of filing of
APPLICANT(S): Tomohiro Amano

Utility Patent Application

TITLE: LIQUID CRYSTAL DISPLAY DEVICE AND TESTING METHOD THEREFOR

No. of Pages: Spec. 13 Claims 5 (16 claims) Abstract 1
Drawings 12 sheets ☒ formal ☐ informal
Transmittal Papers 4 pages ☐ Preliminary Amendment
☒ Declaration ☒ executed ☐ unexecuted ☐ Copy ☐ Will Follow
☐ Small Entity Form ☐ Copy ☐ Will Follow ☐ Certified Copy ☐ Will Follow
☒ Assignment ☐ Copy ☐ Will Follow ☒ Cover Sheet
☒ Information Disclosure Statement ☒ PTO-1449 Form ☒ Refs. 1
Other Certified Copy Japanese Appln. No. 2000-134172
\$ 830.00 fee Check ☒ is ☐ is not enclosed
Due Date: May 8, 2001 Express Mail Label No. _____



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

APPLICATION NUMBER

FILING/RECEIPT DATE

FIRST NAMED APPLICANT

ATTORNEY DOCKET NUMBER

09/845,637

04/30/2001

Tomohiro Amano

71992/55871

CONFIRMATION NO. 3957

FORMALITIES LETTER



OC000000006215001

Patent, Bronstein, Roberts & Cushman
Intellectual Property Practice Group
Edwards & Angell
P.O. Box 9169
Boston, MA 02209

Date Mailed: 06/22/2001

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- **The balance due by applicant is \$ 130.**

*A copy of this notice **MUST** be returned with the reply.*

Sady

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE



#3

**Response To Notice To File Missing Parts Of Application
Filing Date Granted (PTO-1533)(Large Entity)**Docket No.
71992-55871In Re Application Of: **Tomohiro Amano**Serial No.
09/845,637Filing Date
April 30, 2001Examiner
UnknownGroup Art Unit
2871Invention: **LIQUID CRYSTAL DISPLAY DEVICE AND
TESTING METHOD THEREOF****TO THE ASSISTANT COMMISSIONER FOR PATENTS:****Box Missing Parts**

This is a response to the Notice to File Missing Parts of Application - Filing Date Granted (PTO-1533) mailed on
June 22, 2001
Date

Enclosed herewith for filing are the following:

- ☒ A copy of the Notice to File Missing Parts of Application - Filing Date Granted (PTO-1533). **(REQUIRED)**
- ☐ An oath or declaration in compliance with 37 CFR 1.63, including residence information and identifying the application by the above Application Number and Filing Date.
- ☐ A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date.
- ☐ An oath or declaration in compliance with 37 CFR 1.63 listing the names of all inventors and signed by the omitted inventor(s), identifying this application by the above Application Number and Filing Date.
- ☐ A verified English translation of the non-English language application papers as originally filed. It is requested that this translation be used as the copy for examination purposes in the United States Patent and Trademark Office.
- ☒ Other (list):

A copy of the Declaration and Power of Attorney. The original signed Declaration and Power of Attorney was filed with the application on April 30, 2001.



**Response To Notice To File Missing Parts Of Application
Filing Date Granted (PTO-1533)(Large Entity)**

Docket No.
71992-55871

Application Of: Tomohiro Amano

Serial No.
09/845,637

Filing Date
April 30, 2001

Examiner
Unknown

Group Art Unit
2871

Invention: **LIQUID CRYSTAL DISPLAY DEVICE AND
TESTING METHOD THERE**

TO THE ASSISTANT COMMISSIONER FOR PATENTS:

Box Missing Parts

☐ Completion of application fees as calculated below:

☐ Utility application filing fee

☐ Design application filing fee

☐ Total number of independent claims = _____

☐ Total number of claims = _____

☐ Multiple dependent claims

☐ Surcharge for late payment of filing fee and/or late filing of original declaration or oath

Oath was not
filed late

☐ Petition and fee for filing by other than all the inventors or a person not the inventor

☐ Fee for processing an application filed with a non-English language specification

☐ Fee for processing and retention of application

Total completion of application fees

None
Required

This is a request under the provisions of 37 CFR 1.136(a) to extend the period for filing a response to the above-identified Notice to File Missing Parts of Application. The requested extension is as follows (check time period desired). If an additional time extension is required, please consider this a petition therefor.

☐ One month ☐ Two months ☐ Three months ☐ Four months ☐ Five months

from: _____ until: _____
Date Date

Total time extension fees _____

Total fees due _____

**Response To Notice To File Missing Parts Of Application
Filing Date Granted (PTO-1533) (Large Entity)**

Docket No.
71992-55871

In Re Application Of: Tomohiro Amano

Serial No.
09/845,637

Filing Date
April 30, 2001

Examiner
Unknown

Group Art Unit
2871

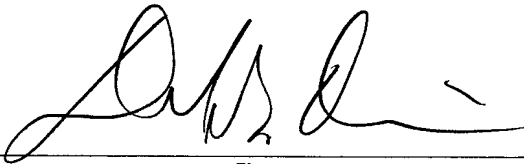
Invention: **LIQUID CRYSTAL DISPLAY DEVICE AND
TESTING METHOD THERE**

TO THE ASSISTANT COMMISSIONER FOR PATENTS:

Box Missing Parts

The fee of _____ is to be paid as follows:

- ☐ A check in the amount of the fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account No. 04-1105
A duplicate copy of this sheet is enclosed.
- ☒ If an additional extension of time is required, please consider this a petition therefor and charge any additional fees which may be required to Deposit Account No. _____
A duplicate copy of this sheet is enclosed.



Signature

Dated: July 2, 2001

David G. Conlin
Registration No. 27026
Dike, Bronstein, Roberts & Cushman
Intellectual Property Practice Group
Edwards & Angell
P.O. Box 9169
Boston, MA 02209

I certify that this document and fee is being deposited on July 2, 2001 with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.



Signature of Person Mailing Correspondence

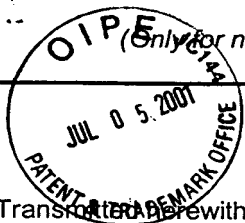
Louise M. Rappaport

Typed or Printed Name of Person Mailing Correspondence

CC:

UTILITY PATENT APPLICATION TRANSMITTAL (Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No.
71992/55871Total Pages in this Submission
25**TO THE ASSISTANT COMMISSIONER FOR PATENTS**Box Patent Application
Washington, D.C. 20231

Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53(b) is a new utility patent application for an invention entitled:

LIQUID CRYSTAL DISPLAY DEVICE AND TESTING METHOD THEREFOR

and invented by:

TOMOHIRO AMANO

If a **CONTINUATION APPLICATION**, check appropriate box and supply the requisite information:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: _____

Which is a:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: _____

Which is a:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: _____

Enclosed are:

Application Elements

1. ☒ Filing fee as calculated and transmitted as described below
2. ☒ Specification having 19 pages and including the following:
 - a. ☒ Descriptive Title of the Invention
 - b. ☐ Cross References to Related Applications (*if applicable*)
 - c. ☐ Statement Regarding Federally-sponsored Research/Development (*if applicable*)
 - d. ☐ Reference to Microfiche Appendix (*if applicable*)
 - e. ☒ Background of the Invention
 - f. ☒ Brief Summary of the Invention
 - g. ☒ Brief Description of the Drawings (*if drawings filed*)
 - h. ☒ Detailed Description
 - i. ☒ Claim(s) as Classified Below
 - j. ☒ Abstract of the Disclosure

UTILITY PATENT APPLICATION TRANSMITTAL
(Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No.
71992/55871

Total Pages in this Submission
25

Application Elements (Continued)

3. ☒ Drawing(s) *(when necessary as prescribed by 35 USC 113)*
- a. ☒ Formal Number of Sheets 6
- b. ☐ Informal Number of Sheets
4. ☒ Oath or Declaration
- a. ☒ Newly executed *(original or copy)* ☐ Unexecuted
- b. ☐ Copy from a prior application (37 CFR 1.63(d)) *(for continuation/divisional application only)*
- c. ☒ With Power of Attorney ☐ Without Power of Attorney
- d. ☐ DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application,
see 37 C.F.R. 1.63(d)(2) and 1.33(b).
5. ☐ Incorporation By Reference *(usable if Box 4b is checked)*
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under
Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby
incorporated by reference therein.
6. ☐ Computer Program in Microfiche *(Appendix)*
7. ☐ Nucleotide and/or Amino Acid Sequence Submission *(if applicable, all must be included)*
- a. ☐ Paper Copy
- b. ☐ Computer Readable Copy *(identical to computer copy)*
- c. ☐ Statement Verifying Identical Paper and Computer Readable Copy

Accompanying Application Parts

8. ☒ Assignment Papers *(cover sheet & document(s))*
9. ☐ 37 CFR 3.73(B) Statement *(when there is an assignee)*
10. ☐ English Translation Document *(if applicable)*
11. ☒ Information Disclosure Statement/PTO-1449 ☒ Copies of IDS Citations
12. ☐ Preliminary Amendment
13. ☒ Acknowledgment postcard
14. ☒ Certificate of Mailing
- ☐ First Class ☒ Express Mail *(Specify Label No.):* EL730723960US

**UTILITY PATENT APPLICATION TRANSMITTAL
(Large Entity)**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No.
71992/55871

Total Pages in this Submission
25

Accompanying Application Parts (Continued)

15. ☒ Certified Copy of Priority Document(s) *(if foreign priority is claimed)*
Japanese Patent Application No. 2000-134172 - dated 5/8/2000
16. ☐ Additional Enclosures *(please identify below):*

Request That Application Not Be Published Pursuant To 35 U.S.C. 122(b)(2)

17. ☐ Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing of the application.

Warning

An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice was unintentional.

UTILITY PATENT APPLICATION TRANSMITTAL
(Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No.
71992/55871

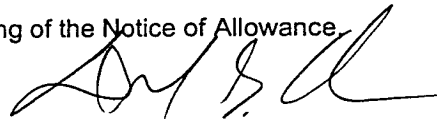
Total Pages in this Submission
25

Fee Calculation and Transmittal

CLAIMS AS FILED

For	#Filed	#Allowed	#Extra	Rate	Fee
Total Claims	16	- 20 =	0	x \$18.00	\$0.00
Indep. Claims	4	- 3 =	1	x \$80.00	\$80.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00
BASIC FEE					\$710.00
OTHER FEE (specify purpose) Assignment Recordal					\$40.00
TOTAL FILING FEE					\$830.00

- ☒ A check in the amount of \$830.00 to cover the filing fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge and credit Deposit Account No. 04-1105 as described below. A duplicate copy of this sheet is enclosed.
- ☐ Charge the amount of as filing fee.
- ☒ Credit any overpayment.
- ☒ Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17.
- ☐ Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance pursuant to 37 C.F.R. 1.311(b).



Signature

Dated: April 30, 2001

CC:

David G. Conlin
Registration No. 27026
Dike, Bronstein, Roberts & Cushman
Intellectual Property Practice Group
Edwards & Angell
P.O. Box 9169
Boston, MA 02209
Tel: (617) 523-3400